

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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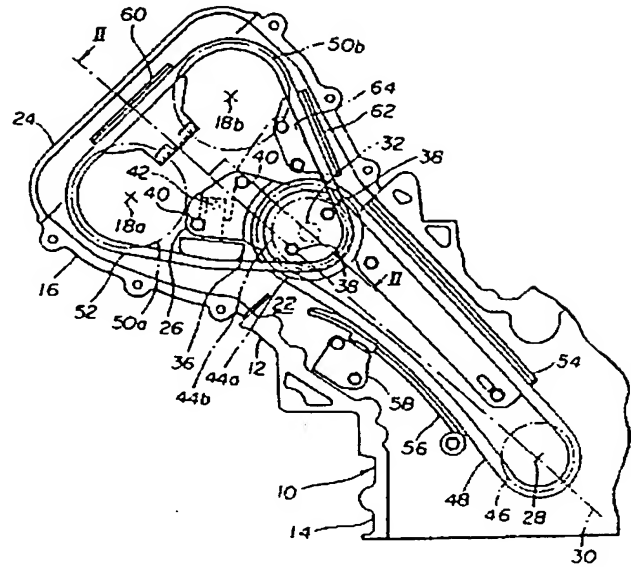
APPLICATION DATE : 03-03-89  
APPLICATION NUMBER : 01049863

APPLICANT : YAMAHA MOTOR CO LTD;

INVENTOR : KUMAGAI SATOSHI;

INT.CL. : F01L 1/02, F02B 67/06

TITLE : OVERHEAD CAMSHAFT ENGINE



ABSTRACT : PURPOSE: To enhance strength to increase freedom in designing by providing an intermediate rotating body on one end of a bracket extending along a cylinder shaft and a tensioner on the other end.

CONSTITUTION: A bracket 26 is provided in a timing chain storage room 22 and extends along a cylinder shaft 30. An intermediate rotating body 44 is provided on one end of the bracket 26. A primary chain 48 is wound around a primary sprocket 44a and a driving sprocket 46 of a crank shaft 38. Double secondary chain 52 is wound around a double sprocket 50 of a cam shaft 18 and a secondary side 44b of an intermediate sprocket. A tensioner 36 is pressed against a chain 48 side. Freedom in designing can be thus increased without excessive stress applied to a cylinder block, a cylinder head, etc.

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